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This listing of claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

Claims 1-65. (cancelled).

Claim 66. (currently amended) A process for the formation of a compound of Formula I:

wherein -A-A- represents the group -CHR<sup>4</sup>-CHR<sup>5</sup>- or -CR<sup>4</sup>=CR<sup>5</sup>-;

-B-B- represents the group -CHR<sup>6</sup>-CHR<sup>7</sup>- or an alpha- or beta-oriented group of Formula III:

 $R^1$  represents an  $\alpha$ -oriented lower alkoxycarbonyl or hydroxycarbonyl radical;

R<sup>3</sup>, R<sup>4</sup> and R<sup>5</sup> are independently selected from the group consisting of hydrogen, halo, hydroxy, lower alkyl, lower alkoxy, hydroxyalkyl, alkoxyalkyl, hydroxy carbonyl, cyano, and aryloxy;

R<sup>6</sup> and R<sup>7</sup> are independently selected from the group consisting of hydrogen, halo, lower alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonyl, alkoxycarbonyl, acyloxyalkyl, cyano, and aryloxy; and

R<sup>8</sup> and R<sup>9</sup> are independently selected from the group consisting of hydrogen, hydroxy, halo, lower alkoxy, acyl, hydroxyalkyl, alkoxyalkyl, hydroxycarbonylalkyl, alkoxycarbonylalkyl, acyloxyalkyl, cyano, and aryloxy, or R<sup>8</sup> and R<sup>9</sup> together comprise a carbocyclic or heterocyclic ring structure, or R<sup>8</sup> or R<sup>9</sup> together with R<sup>6</sup> or R<sup>7</sup> comprise a carbocyclic or heterocyclic ring structure fused to the pentacyclic D ring;

the process comprising converting a compound of Formula II to a compound of Formula I, said contacting an epoxidizing reagent with a compound of Formula II having the structure:

wherein -A-A-, -B-B-, R<sup>1</sup>, R<sup>3</sup>, R<sup>8</sup> and R<sup>9</sup> are as defined above; wherein said compound of Formula II is prepared by **converting a compound of Formula IV to a compound of Formula II, said removing an 11***a*-leaving group from a compound of Formula IV having the structure:

$$R^2$$
 $R^3$ 
 $R^8$ 
 $R^9$ 
 $R^4$ 
 $R^1$ 
 $R^1$ 

wherein -A-A-, -B-B-, R<sup>1</sup>, R<sup>3</sup>, R<sup>8</sup> and R<sup>9</sup> are as defined above, and R<sup>2</sup> is a leaving group the abstraction of which is effective for generating a double bond between the 9- and 11-carbon atoms.

Claim 67. (cancelled)

Claim 68. (previously presented) A process as set forth in claim 66 wherein said compound of Formula I is:

said compound of Formula II is:

and said compound of Formula IV is:

Claim 69. (currently amended) A process as set forth in claim 66 wherein the compound of Formula IV is prepared by converting a compound of Formula V to a compound of Formula IV, said reacting a lower alkylsulfonylating or acylating reagent or a halide generating agent with a compound of Formula V having the structure:

wherein -A-A-, -B-B-, R<sup>1</sup>, R<sup>3</sup>, R<sup>8</sup> and R<sup>9</sup> are as defined in claim 66.

Claims 70. -71. (cancelled)

Claim 72. (previously presented) The process of claim 69 wherein said compound of Formula I is:

said compound of Formula II is:

said compound of Formula IV is:

and said compound of Formula V is:

Claim 73. (currently amended) A process as set forth in claim 69 wherein the compound of Formula V is prepared by <u>converting reacting</u> a compound of Formula VI <u>to a compound of Formula V</u> with an alkali metal alkoxide corresponding to the formula R<sup>10</sup>OM wherein M is alkali metal and R<sup>10</sup>O-corresponds to the alkoxy substituent of R<sup>1</sup>, said compound of Formula VI having the structure:

wherein -A-A-, -B-B-, R<sup>3</sup>, R<sup>8</sup> and R<sup>9</sup> are as defined in claim 69.

Claim 74. (cancelled)

Claim 75. (previously presented) The process of claim 73 wherein said compound of Formula I is:

said compound of Formula II is:

said compound of Formula IV is:

said compound of Formula V is:

and said compound of Formula VI is:

Claim 76. (currently amended) A process as set forth in claim 73 wherein the compound of Formula VI is prepared by **converting hydrolyzing** a compound of Formula VII to a compound of Formula VI, said compound of Formula VII having the structure:

wherein -A-A-, -B-B-, R<sup>3</sup>, R<sup>8</sup> and R<sup>9</sup> are as defined in claim 73.

Claim 77. (cancelled)

Claim 78. (previously presented) The process of claim 76 wherein said compound of Formula I is:

said compound of Formula II is:

said compound of Formula IV is:

said compound of Formula V is:

said compound of Formula VI is:

and said compound of Formula VII is:

Claim 79. (currently amended) A process as set forth in claim 76 wherein the compound of Formula VII is prepared by converting a compound of Formula VIII to a compound of Formula VIII, said reacting a source of cyanide ion in the presence of an alkali metal salt with a compound of Formula VIII having the structure:

wherein -A-A-, -B-B-, R<sup>3</sup>, R<sup>8</sup> and R<sup>9</sup> are as defined in claim 76.

Claims 80. - 81. (cancelled)

Claim 82. (previously presented) A process as set forth in claim 79 wherein said compound of Formula I is:

said compound of Formula II is:

said compound of Formula IV is:

said compound of Formula V is:

said compound of Formula VI is:

said compound of Formula VII is:

and said compound of Formula VIII is:

Claim 83. (currently amended) A process as set forth in claim 79 wherein the compound of Formula VIII is prepared by **converting exidizing** a compound of Formula XIII to a compound of Formula VIII by fermentation in the presence of a microorganism effective for introducing an 11-hydroxy group into said substrate in  $\alpha$ -orientation, said compound of Formula XIII having the structure:

wherein -A-A-, -B-B-, R<sup>3</sup>, R<sup>8</sup> and R<sup>9</sup> are as defined in claim 79.

Claims 84. - 85 (cancelled)

Claim 86. (previously presented) A process as set forth in claim 83 wherein said compound of Formula I is:

said compound of Formula II is:

said compound of Formula IV is:

said compound of Formula V is:

said compound of Formula VI is:

said compound of Formula VII is:

said compound of Formula VIII is:

and said compound of Formula XIII is:

Claims 87. - 93. (cancelled)

Claim 94. (new) A process as set forth in claim 66 wherein said conversion of a compound of Formula II to a compound of Formula I is effected by contacting an epoxidizing reagent with a compound of Formula II.

Claim 95. (new) A process as set forth in claim 66 wherein said conversion of a compound of Formula IV to a compound of Formula II is effected by removing an  $11\alpha$ -leaving group from a compound of Formula IV.

Claim 96. (new) A process as set forth in claim 69 wherein said conversion of a compound of Formula V to a compound of Formula IV is effected by reacting a lower alkylsulfonylating or acylating reagent or a halide generating agent with a compound of Formula V.

Claim 97. (new) A process as set forth in claim 73 wherein said conversion of a compound of Formula VI to a compound of Formula V is effected by reacting a compound of Formula VI with an alkali metal alkoxide corresponding to the formula R<sup>10</sup>OM wherein M is alkali metal and R<sup>10</sup>O- corresponds to the alkoxy substituent of R<sup>1</sup>.

Claim 98. (new) A process as set forth in claim 76 wherein said conversion of a compound of Formula VII to a compound of Formula VII is effected by hydrolyzing a compound of Formula VII.

Claim 99. (new) A process as set forth in claim 79 wherein said conversion of a compound of Formula VIII to a compound of Formula VII is effected by reacting a source of cyanide ion in the presence of an alkali metal salt with a compound of Formula VIII.

Claim 100. (new) A process as set forth in claim 83 wherein said conversion of a compound of Formula XIII to a compound of Formula VIII is effected by oxidizing a compound of Formula XIII by fermentation in the presence of a microorganism effective for introducing an 11-hydroxy group into said substrate in  $\alpha$ -orientation.

Claim 101. (new) A process for the formation of a compound of Formula IA:

wherein -A-A- represents the group -CH<sub>2</sub>-CH<sub>2</sub>- or -CH=CH-;

-B-B- represents the group -CH<sub>2</sub>-CH<sub>2</sub>- or an alpha- or beta- oriented group of Formula IIIA:

R<sup>1</sup> represents an alpha-oriented lower alkoxycarbonyl radical;

X represents two hydrogen atoms or oxo;

Y<sup>1</sup> and Y<sup>2</sup> together represent the oxygen bridge -O-, or

Y<sup>1</sup> represents hydroxy, and

Y<sup>2</sup> represents hydroxy, lower alkoxy or, if X represents H<sub>2</sub>, also lower alkanoyloxy;

and salts of compounds in which X represents oxo and Y<sup>2</sup> represents hydroxy;

the process comprising converting a compound of Formula IIA to a compound of Formula IA, said compound of Formula IIA having the structure:

wherein -A-A-, -B-B-, R<sup>1</sup>, R<sup>3</sup>, X, Y<sup>1</sup> and Y<sup>2</sup> are as defined above; wherein said compound of Formula IIA is formed by converting a compound of Formula IVA to a compound of Formula IIA, said compound of Formula IVA having the structure:

wherein -A-A-, -B-B-, R<sup>1</sup>, R<sup>3</sup>, X, Y<sup>1</sup> and Y<sup>2</sup> are as defined above, and R<sup>2</sup> represents lower alkylsulfonyloxy or acyloxy;

wherein said compound of Formula IVA is formed by converting a compound of Formula VA to a compound of Formula IVA, said compound of Formula VA having the structure:

$$R^3$$
  $Y^1$   $(CH_2)_2$   $C=X$ 
 $A$   $B$   $B$   $VA$ 

wherein -A-A-, -B-B-, R<sup>1</sup>, R<sup>3</sup>, X, Y<sup>1</sup> and Y<sup>2</sup> are as defined above; wherein said compound of Formula VA is formed by converting a compound of Formula VIA to a compound of Formula VA, said compound of Formula VIA having the structure:

wherein -A-A-, -B-B-, R<sup>3</sup>, X, Y<sup>1</sup> and Y<sup>2</sup> are as defined above;

wherein said compound of Formula VIA is formed by converting a compound of Formula VIIA to a compound of Formula VIIA, said compound of Formula VIIA having the structure:

**VIIA** 

wherein -A-A-, -B-B-, R<sup>3</sup>, X, Y<sup>1</sup> and Y<sup>2</sup> are as defined above;

wherein said compound of Formula VIIA is formed by converting a compound of Formula VIIIA to a compound of Formula VIIIA, said compound of Formula VIIIA having the structure:

wherein -A-A-, -B-B-, R<sup>3</sup>, X, Y<sup>1</sup> and Y<sup>2</sup> are as defined above;

wherein said compound of Formula VIIIA is formed by converting a compound of Formula XIIIA to a compound of Formula VIIIA, said compound of Formula XIIIA having the structure:

$$R^3$$
  $Y^1$   $(CH_2)_2$   $C=X$  XIIIA

wherein -A-A-, -B-B-, R<sup>3</sup>, X, Y<sup>1</sup> and Y<sup>2</sup> are as defined above.